Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Wednesday 16 Mar 2022 until 23:59 on Thursday 17 Mar 2022

Forecast Issued on Wednesday 16 Mar 2022 at 02:47

Confidence: High for a bands of rain to affect the Lakes through Wednesday and Thursday and to turn dry and largely sunny from Friday, but lower for timings of clearance of cloud and rain.

Headline for Wednesday 16 Mar 2022: Cloudy with outbreaks of rain turning to snow on summits. Drier later

Mountain weather hazards on Wednesday 16 Mar 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Sleet	Sleet	Cloudy	Clear night	Clear night
Precipitation probability					
40%	60%	70%	30%	10%	00%

Forecast for Wednesday 16 Mar 2022

Weather: A cloudy morning with outbreaks of rain spreading to all parts, the rain may be heavy at times and will turn increasingly to snow above about 750m. The rain then clears southeast through the afternoon with some brighter spells developing. The evening looks dry with remaining cloud clearing.

Chance of cloud-free hill tops above 800m: Little chance through the morning gradually improving to 75% from the northwest through the afternoon. Chances increase to 100% through evening.

Low cloud and visibility: Periods or persistent cloud above 450-600m with patches below through the morning but becoming occasional above 750m from the northwest through the afternoon. Rather hazy below the cloud falling to several kilometres in rain and sleet, and around a kilometre in higher level snow, becoming very good through the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Met Office Mountain Weather Forecast

Forecast for Wednesday 16 Mar 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	23/27 S	14/18 W	11/15 NW	16/21 NW	17/21 NW	17/20 N	14/16 W
600	19/25 S	12/16 W	8/11 NW	13/18 NW	12/17 NW	11/16 NW	8/11 W
300	6/18 S	4/8 NW	5/11 NW	7/17 NW	5/15 NW	4/14 NW	3/9 W
Valley	5/16 S	5/8 NW	6/12 NW	7/15 NW	4/13 NW	5/14 NW	2/7 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	2/-4	1/-4	0/-5	0/-6	0/-6	-0/-6	-1/-6
600	4/-2	3/-1	2/-1	3/-2	2/-2	1/-3	1/-3
300	5/3	5/3	5/3	6/3	4/3	2/1	2/0
Valley	7/6	7/5	7/5	8/6	7/5	5/3	4/2
Freezing Level*	1100m	1100m	900m	800m	700m	600m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Forecast for Thursday 17 Mar 2022

Weather: Dry with long clear spells overnight then a bright start but increasing cloud brings outbreaks of mainly light rain, preceded briefly by summit sleet or snow, from mid-morning. Rain clears east through the afternoon with sunny spells developing. Then a dry evening with clear spells.

Maximum wind: Southwesterly 15-20mph increasing 30mph through the morning, with gusts around 55mph over ridges and summits, veering westerly through the afternoon and easing 15-20mph by evening.

Chance of cloud-free hill tops above 800m: Around 75% at first and again from mid-afternoon but nearer 25% through the middle of the day.

Low cloud and visibility: Occasional cloud above 750m at first, and again from mid-afternoon, becoming periods above 600-750m through the middle of the day. Otherwise visibility very good, falling to several kilometres in rain and perhaps kilometre or so briefly in any summit wintriness.

Temperature: **Valleys:** Falling to around zero Celsius at dawn then rising to 10 or 11 Celsius by day.
At 800m: Around minus 2 Celsius rising to plus 3 Celsius by midday, falling back to zero later
Freezing level: Around 600m rising above summits, then falling back to 800m later

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Mountain Weather Forecast

Ground Conditions Supplement
Tuesday 15 March 2022. Location: Helvellyn summit at 11:35.Full report: The vast majority of the Lakeland fells are now free from snow up to, and including, summit level; indeed many paths are not only snow free but today were also dry. Ascending from Wythburn (on the Thirlmere or western side of Helvellyn) no snow at all was encountered below 850m. The only remaining snow lies above 850m in sheltered spots and hollows and on steep north and east facing slopes. Owing to its height, aspect and a daytime summit temperature of only just above freezing there was little to no thaw of the snowpack so snow conditions were similar to Monday with the snow being mainly firm apart from where it has been compacted by walkers' feet. Having stated that, any snow lying on paths is easily avoidable. With careful route choice there are now even snow free exits to both Striding and Swirral edges. Despite the daffodil filled valleys, the summit windchill (what the temperature feels like) was minus 8 degrees just before midday, so full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots and equipment - including torch, map & compass and the ability to use them - are all essential for those going onto the fells. Temperature: plus 0.4 C, Maximum wind speed 30.2 mph, Wind chill: minus 8.1 C, Average wind speed: 21.4 mph

Issued at: 02:47 on Wed 16 Mar 2022

© Crown Copyright 2022. All Rights Reserved.